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## Scholarly articles for locating displaying image sensing triggering receiving aiming camera gesture pointing



[Intelligent Environments for Informal Public Spaces: the ...](#) - by Van Kleek - 10 citations

[Wearable computing and contextual awareness](#) - by Starner - 16 citations

### Toward Spontaneous Interaction with the Perceptive Workbench

We use this side **camera** solely for recovering 3D **pointing gestures** (Figure 5).

... the side **camera image** and may be used to **trigger** specific **gesture** modes ...

[doi.ieeecomputersociety.org/10.1109/38.888008](http://doi.ieeecomputersociety.org/10.1109/38.888008) - [Similar pages](#)

### Wearable Devices: New Ways to Manage Information

(**Image** of MicroOptical's head-mounted **display** courtesy of Sam Ogden) ...

contextual information: conversation, **location**, **gesture**, ambient sound, and so on. ...

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### [PDF] Integration of Wireless Gesture Tracking, Object Tracking, and 3D ...

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the **camera image** can be analyzed regardless of changes in (visible) scene ...

(**pointing**) **gestures** depend strongly on **location** and orientation of the ...

[www.cc.gatech.edu/fac/Thad.Starner/p/031\\_30\\_Gesture/integration\\_of\\_wireless\\_gesture\\_tracking-icvs01.pdf](http://www.cc.gatech.edu/fac/Thad.Starner/p/031_30_Gesture/integration_of_wireless_gesture_tracking-icvs01.pdf) -

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the object or **location** of our choice just by **pointing** at it. For ... **image** and

may be used to **trigger** specific **gesture** modes in. the future. ...

[www.cc.gatech.edu/ccg/publications/starner-mva2002.pdf](http://www.cc.gatech.edu/ccg/publications/starner-mva2002.pdf) - [Similar pages](#)

### [PDF] The perceptive workbench: Computer-vision-based gesture tracking ...

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This side **camera** is used solely for recovering 3-D **pointing gestures**. ...

**image** and may be used to **trigger** specific **gesture** modes in. the future. ...

[www.vision.ethz.ch/publ/starner-perceptive-mva03.pdf](http://www.vision.ethz.ch/publ/starner-perceptive-mva03.pdf) - [Similar pages](#)

## STELARC ARTICLES

Tilt **sensors** on the head, arms and legs **trigger** sampled body signals and sounds and

... to select and **display images** to the body through its video headset. ...

[www.stelarc.va.com.au/articles/](http://www.stelarc.va.com.au/articles/) - 55k - [Cached](#) - [Similar pages](#)

### [PDF] 3DSim: Rapid Prototyping Ambient Intelligence

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In contrast to **camera** based 3D **gesture** tracking systems,. 3DSim provides reliable

information on ... UPnP actuators and **sensor** components **triggering** changes ...

[www.soc-eusai2005.org/proceedings/articles\\_pagines/77.pdf](http://www.soc-eusai2005.org/proceedings/articles_pagines/77.pdf) - [Similar pages](#)

### [PDF] ubiquitous graphics.doc

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steering, **display**, and **sensing**. Three implemented applications ... **camera** feeding

custom **image** processing and **gesture** recognition. engines. ...

[www.research.ibm.com/ed/publications/rc22495.pdf](http://www.research.ibm.com/ed/publications/rc22495.pdf) - [Similar pages](#)

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by displaying a beautiful image of the sun on the left stage screen. ... move the computer graphics camera from a determined location to other going through ...

[www.research.ibm.com/people/p/pinhanez/publications/presence02.pdf](http://www.research.ibm.com/people/p/pinhanez/publications/presence02.pdf) - [Similar pages](#)

[PDF] Deliverable D.4.3 Basic AR Environment

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An inertial sensor and a custom high speed CMOS camera are used for tracking. ... tion of pointing gestures will yield a more natural feel ...

[www.vampire-project.org/reports/DeliFolder/prelimD.4.3.pdf](http://www.vampire-project.org/reports/DeliFolder/prelimD.4.3.pdf) - [Similar pages](#)

[PDF] Activity Report 2004, Project-Team PRIMA

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Pointing '04: International Workshop on Diectic Gestures ... The microphone array is used as an acoustic sensor to detect, locate and classify acoustic ...

[www.inria.fr/rapportsactivite/RA2004/prima2004/prima.pdf](http://www.inria.fr/rapportsactivite/RA2004/prima2004/prima.pdf) - [Similar pages](#)

EP1271293

Using pointing gestures may cause hand injuries or other accidents (eg pushing ... For example, a hand-held display such as a display screen of a camera can ...

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Trends: January 2005 Archives

... capturing images and cataloging the location of each business using a global

... By aiming the device towards objects, players can defend themselves ...

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Trends: Media lifestyle

Geo-aware devices that trigger location-specific services will become as natural as

... A camera detects the movement of your MYSQ ring. Also, floor sensors ...

[www.byz.org/~rbanks/movableType/webLog/trends/archives/cat\\_301\\_media\\_lifestyle.html](http://www.byz.org/~rbanks/movableType/webLog/trends/archives/cat_301_media_lifestyle.html) - 513k -

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[PDF] 3DSim:RapidPrototypingAmbientIntelligence

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sons can use 3D gestures (3D pointing metaphors) ... camera based 3D gesture tracking systems, 3DSim ... location within the scene. Received sensor data ...

[www.igd.fhg.de/igd-a1/projects/peco/docs/papers/3DSim-Nazari.pdf](http://www.igd.fhg.de/igd-a1/projects/peco/docs/papers/3DSim-Nazari.pdf) - [Similar pages](#)

[PDF] Distributed pointing for multimodal collaboration over sketched ...

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speech fusion results in a narrowing of the gesture display ... Full arm pointing gestures are currently recognized. The location pointed to by a user is ...

[www.cse.ogi.edu/tech-reports/2005/05-001-distgest\\_full.pdf](http://www.cse.ogi.edu/tech-reports/2005/05-001-distgest_full.pdf) - [Similar pages](#)

[PDF] New Ways to Manage Information

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(Image of MicroOptical's head-mounted display courtesy of Sam Ogden). Up and Coming Applications ... versation, location, gesture, ambient sound, and so ...

[www.cs.utexas.edu/users/dburger/teaching/cs395t-s99/papers/25\\_wearable.pdf](http://www.cs.utexas.edu/users/dburger/teaching/cs395t-s99/papers/25_wearable.pdf) - [Similar pages](#)

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convey basic human values so that my image can trigger the mind, imagination and emotions of my ... (or any camera of a certain sensor size). I call it the ...

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[PDF] [Self-\\* Properties of Multi Sensing Entities in Smart Environments](#)

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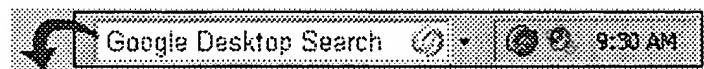
recognizing **gestures** and actions: where people **point**, what they look at and so ... another **image sensor**. In most multi-camera systems, the video cameras are ...  
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... ways of **displaying**, linking and retrieving information and **images** it may ...  
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L1	170	(multimodal (multi near modal)) same input\$4 same speech and (finger point\$4 gesture)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 18:50
L2	4027	715/862-863,727,716;382/103,255,286,293,311,312.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 18:58
L3	0	(1 2) AND target and sens\$4 and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 18:59
L4	481	(1 2) and target and sens\$4 and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 18:59
L5	274	4 and (direct\$4 aiming position\$4 locating) with camera	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:00
L6	26	5 and (direct\$4 aiming position\$4 locating) with camera same sensing	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:01
L7	0	6 and receiv\$4 same additional with information	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:01
L9	0	6 and machine with sensible with (characteriz\$4 feature ) same target	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:03
L10	0	machine with sensible with (characteriz\$4 feature ) same target	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:03
L11	0	(1 2) and sensing with gesture and characterizing with information same machine	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/11/17 19:04

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L12	0	(sensing with gesture and characterizing with information same machine).clm	US-PGPUB	OR	ON	2005/11/17 19:04
L13	0	(sensing with gesture and characterizing with information same (device machine)).clm.	US-PGPUB	OR	ON	2005/11/17 19:05
L14	0	((aiming near5 camera ) and (sensing with trigger\$4) and (receiv\$4 with information) and (sensing with gesture)).clm	US-PGPUB	OR	ON	2005/11/17 19:06